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**Transmitting:** 17 page(s) including this page

**Subject:** US Appl. No. 10/539,582

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AUG 27 2007

PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0851-0031

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/539,562	
	Filing Date	June 17, 2005	
	First Named Inventor	Kristopher BUCHANAN	
	Art Unit	1851	
	Examiner Name	Allison M. FORD	
Total Number of Pages in This Submission	16	Attorney Docket Number	P139-US-01

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to iC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks CONTENTS: This transmittal letter (1 p) Credit Card Payment Form (1 p) Preliminary Amendment (14 pp)		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Dako Colorado Inc.	
Signature	/Thomas F. Cooney #54,046/	
Printed name	Thomas F. Cooney	
Date	August 27, 2007	Reg. No. 54,046

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Date	August 27, 2007

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Appl. No. 10/539,562  
Prelim. Amendment dated August 27, 2007

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

US Appl. No: 10/539,562  
Applicants: Kristopher BUCHANAN et al.  
Title: "Systems and methods of sample processing and temperature control"  
371(c) Date: June 17, 2005  
International Appl. No.: PCT/US03/40880  
International Filing Date: December 22, 2003  
Art Unit: 1651  
Examiner: Allison M. FORD  
Atty. Docket No.: P139-US-01

Commissioner for Patents  
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**SECOND PRELIMINARY AMENDMENT**

Sir:

Prior to the examination of the above-referenced application, please amend this application as follows:

AMENDMENTS TO THE CLAIMS begin on page 2 of this paper.

REMARKS begin on page 13 of this paper.

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